

Synthesis of new lipophilic extractants for liquid extraction of metal ions

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Abstract

© 2016 Taylor & Francis Group, LLC. One-pot procedures were developed for the synthesis of lipophilic bisphosphorylated amines with high yields from the system dialkylphosphite-formaldehyde-amine on the first step and dihexyl- or di-p-tolylphosphine oxide, formaldehyde, and corresponding amine on the second step.

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Keywords

Extractants, Kabachnik-Fields reaction, lipophilic aminophosphoryl compounds